

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/468,161DATE: 07/13/95
TIME: 17:50:25

INPUT SET: S4774.raw

#2

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

(1) General Information:

(i) APPLICANT: DeFeo-Jones, Deborah
Feng, Dong-Mei
Garsky, Victor M.
Jones, Raymond E.
Oliff, Allen I.

(ii) TITLE OF INVENTION: NOVEL PEPTIDES

(iii) NUMBER OF SEQUENCES: 146

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: DAVID A. MUTHARD
(B) STREET: 126 E. Lincoln Avenue, P.O. BOX 2000
(C) CITY: RAHWAY
(D) STATE: NEW JERSEY
(E) COUNTRY: U.S.A.
(F) ZIP: 07065

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER:
(B) FILING DATE:
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Muthard, David A.
(B) REGISTRATION NUMBER: 35,297
(C) REFERENCE/DOCKET NUMBER: 192531B

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (908)594-3903
(B) TELEFAX: (908)594-4720

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

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47 (A) LENGTH: 462 amino acids
48 (B) TYPE: amino acid
49 (C) STRANDEDNESS: single
50 (D) TOPOLOGY: linear
51
52 (ii) MOLECULE TYPE: peptide
53
54 (iii) HYPOTHETICAL: NO
55
56 (iv) ANTI-SENSE: NO
57
58 (v) FRAGMENT TYPE: internal
59
60
61
62
63 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
64
65 Met Lys Pro Asn Ile Ile Phe Val Leu Ser Leu Leu Leu Ile Leu Glu
66 1 5 10 15
67
68 Lys Gln Ala Ala Val Met Gly Gln Lys Gly Gly Ser Lys Gly Arg Leu
69 20 25 30
70
71 Pro Ser Glu Phe Ser Gln Phe Pro His Gly Gln Lys Gly Gln His Tyr
72 35 40 45
73
74 Ser Gly Gln Lys Gly Lys Gln Gln Thr Glu Ser Lys Gly Ser Phe Ser
75 50 55 60
76
77 Ile Gln Tyr Thr Tyr His Val Asp Ala Asn Asp His Asp Gln Ser Arg
78 65 70 75 80
79
80 Lys Ser Gln Gln Tyr Asp Leu Asn Ala Leu His Lys Thr Thr Lys Ser
81 85 90 95
82
83 Gln Arg His Leu Gly Gly Ser Gln Gln Leu Leu His Asn Lys Gln Glu
84 100 105 110
85
86 Gly Arg Asp His Asp Lys Ser Lys Gly His Phe His Arg Val Val Ile
87 115 120 125
88
89 His His Lys Gly Gly Lys Ala His Arg Gly Thr Gln Asn Pro Ser Gln
90 130 135 140
91
92 Asp Gln Gly Asn Ser Pro Ser Gly Lys Gly Ile Ser Ser Gln Tyr Ser
93 145 150 155 160
94
95 Asn Thr Glu Glu Arg Leu Trp Val His Gly Leu Ser Lys Glu Gln Thr
96 165 170 175
97
98 Ser Val Ser Gly Ala Gln Lys Gly Arg Lys Gln Gly Gly Ser Gln Ser
99 180 185 190

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100	
101	Ser Tyr Val Leu Gln Thr Glu Glu Leu Val Ala Asn Lys Gln Gln Arg
102	195 200 205
103	
104	Glu Thr Lys Asn Ser His Gln Asn Lys Gly His Tyr Gln Asn Val Val
105	210 215 220
106	
107	Glu Val Arg Glu Glu His Ser Ser Lys Val Gln Thr Ser Leu Cys Pro
108	225 230 235 240
109	
110	Ala His Gln Asp Lys Leu Gln His Gly Ser Lys Asp Ile Phe Ser Thr
111	245 250 255
112	
113	Gln Asp Glu Leu Leu Val Tyr Asn Lys Asn Gln His Gln Thr Lys Asn
114	260 265 270
115	
116	Leu Asn Gln Asp Gln Gln His Gly Arg Lys Ala Asn Lys Ile Ser Tyr
117	275 280 285
118	
119	Gln Ser Ser Ser Thr Glu Glu Arg Arg Leu His Tyr Gly Glu Asn Gly
120	290 295 300
121	
122	Val Gln Lys Asp Val Ser Gln Ser Ser Ile Tyr Ser Gln Thr Glu Glu
123	305 310 315 320
124	
125	Lys Ala Gln Gly Lys Ser Gln Lys Gln Ile Thr Ile Pro Ser Gln Glu
126	325 330 335
127	
128	Gln Glu His Ser Gln Lys Ala Asn Lys Ile Ser Tyr Gln Ser Ser Ser
129	340 345 350
130	
131	Thr Glu Glu Arg Arg Leu His Tyr Gly Glu Asn Gly Val Gln Lys Asp
132	355 360 365
133	
134	Val Ser Gln Arg Ser Ile Tyr Ser Gln Thr Glu Lys Leu Val Ala Gly
135	370 375 380
136	
137	Lys Ser Gln Ile Gln Ala Pro Asn Pro Lys Gln Glu Pro Trp His Gly
138	385 390 395 400
139	
140	Glu Asn Ala Lys Gly Glu Ser Gly Gln Ser Thr Asn Arg Glu Gln Asp
141	405 410 415
142	
143	Leu Leu Ser His Glu Gln Lys Gly Arg His Gln His Gly Ser His Gly
144	420 425 430
145	
146	Gly Leu Asp Ile Val Ile Ile Glu Gln Glu Asp Asp Ser Asp Arg His
147	435 440 445
148	
149	Leu Ala Gln His Leu Asn Asn Asp Arg Asn Pro Leu Phe Thr
150	450 455 460
151	

152 (2) INFORMATION FOR SEQ ID NO:2:

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153
154 (i) SEQUENCE CHARACTERISTICS:
155 (A) LENGTH: 15 amino acids
156 (B) TYPE: amino acid
157 (C) STRANDEDNESS: single
158 (D) TOPOLOGY: linear
159
160 (ii) MOLECULE TYPE: peptide
161
162 (iii) HYPOTHETICAL: NO
163
164 (iv) ANTI-SENSE: NO
165
166 (v) FRAGMENT TYPE: internal
167
168
169
170
171 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
172
173 Gly Lys Gly Ile Ser Ser Gln Tyr Ser Asn Thr Glu Glu Arg Leu
174 1 5 10 15
175
176 (2) INFORMATION FOR SEQ ID NO:3:
177
178 (i) SEQUENCE CHARACTERISTICS:
179 (A) LENGTH: 11 amino acids
180 (B) TYPE: amino acid
181 (C) STRANDEDNESS: single
182 (D) TOPOLOGY: linear
183
184 (ii) MOLECULE TYPE: peptide
185
186 (iii) HYPOTHETICAL: NO
187
188 (iv) ANTI-SENSE: NO
189
190 (v) FRAGMENT TYPE: internal
191
192
193
194
195 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
196
197 Asn Lys Ile Ser Tyr Gln Ser Ser Ser Thr Glu
198 1 5 10
199
200 (2) INFORMATION FOR SEQ ID NO:4:
201
202 (i) SEQUENCE CHARACTERISTICS:
203 (A) LENGTH: 19 amino acids
204 (B) TYPE: amino acid
205 (C) STRANDEDNESS: single

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206 (D) TOPOLOGY: linear
207
208 (ii) MOLECULE TYPE: peptide
209
210 (iii) HYPOTHETICAL: NO
211
212 (iv) ANTI-SENSE: NO
213
214 (v) FRAGMENT TYPE: internal
215
216
217
218
219 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
220
221 Gly Glu Asn Gly Val Gln Lys Asp Val Ser Gln Arg Ser Ile Tyr Ser
222 1 5 10 15
223
224 Gln Thr Glu
225
226
227 (2) INFORMATION FOR SEQ ID NO:5:
228
229 (i) SEQUENCE CHARACTERISTICS:
230 (A) LENGTH: 19 amino acids
231 (B) TYPE: amino acid
232 (C) STRANDEDNESS: single
233 (D) TOPOLOGY: linear
234
235 (ii) MOLECULE TYPE: peptide
236
237 (iii) HYPOTHETICAL: NO
238
239 (iv) ANTI-SENSE: NO
240
241 (v) FRAGMENT TYPE: internal
242
243
244
245
246 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
247
248 Gly Glu Asn Gly Val Gln Lys Asp Val Ser Gln Ser Ser Ile Tyr Ser
249 1 5 10 15
250
251 Gln Thr Glu
252
253
254 (2) INFORMATION FOR SEQ ID NO:6:
255
256 (i) SEQUENCE CHARACTERISTICS:
257 (A) LENGTH: 25 amino acids
258 (B) TYPE: amino acid

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SEQUENCE VERIFICATION REPORT
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Original Text